

Peak District National Park

Forecast valid from 00:00 on Saturday 08 May 2021 until 23:59 on Sunday 09 May 2021

Forecast Issued on Friday 07 May 2021 at 14:35

Confidence: High for wet and windy conditions on Saturday then staying unsettled into next week.

Headline for Saturday 08 May 2021: Turning wet and windy on Saturday with gales developing across Summits.

Mountain weather hazards on Saturday 08 May 2021

Blizzards

No Likelihood

Gales

Medium Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

High Likelihood

Storm force winds

No Likelihood

Poor visibility

High Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Heavy Rain
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Saturday 08 May 2021

Weather: A fine and cold start with cloud increasing and thickening to bring rain from the southwest around dawn and cloud lowering to summits. Rain may be preceded by a spell of sleet across summits. Heavy rain continuing through much of the day and this will give hazardous conditions. Gales across summits.

Chance of cloud free mountain/hill tops above 600m: 100% becoming 10% or less from 1000hrs, with cloud lowering to 400m by early afternoon.

Visibility: Very good or excellent in early hours of Saturday morning becoming poor in rain and very poor across summits.

Forecast for Saturday 08 May 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/16 SE	16/24 SE	24/34 SE	29/41 SE	22/30 SE	25/36 SW	27/39 SW	27/39 S	24/36 SW
300	7/15 E	11/20 SE	18/28 SE	26/42 SE	18/28 S	19/30 SW	21/33 SW	20/33 S	18/30 S
Valley	7/13 E	8/20 SE	12/26 SE	19/40 SE	10/24 SE	13/28 SW	14/31 SW	14/32 S	14/29 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-1	4/-1	1/-5	2/-5	6/2	9/5	10/5	9/4	8/4
300	5/2	6/2	4/-1	5/-1	8/4	12/8	12/8	11/8	11/7
Valley	5/2	5/3	4/0	5/0	8/5	12/10	12/10	11/9	11/8
Freezing Level*	900m	900m	1300m	2100m	2600m	2600m	2500m	2500m	2400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Winds may be 5-10mph stronger at times than shown in table with gusty conditions likely.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
14:00 on Fri 07 May 2021

Last 24 hours:
0mm

Last 48 hours:
0mm

Last 72 hours:
0mm

Forecast for Sunday 09 May 2021

Weather: Rain dying out during Sunday morning with cloud breaks developing and cloud bases lifting above summits by mid to late morning. Chance of an afternoon shower but mainly dry conditions. Feeling milder than of late.

Maximum wind: South or southwest with gusts 35 to 40mph.

Chance of cloud free mountain/hill tops above 600m: 10% or less becoming 90% by mid to late morning with cloud base rising from 300m to 700m.

Visibility: Poor or very poor becoming good or very good by early afternoon.

Temperature: **Valleys:** Plus 9 degrees Celsius becoming Plus 12 degrees Celsius.
At 600m: Plus 8 degrees Celsius.
Freezing level: Well above summits..